



J. CELIS-RODRÍGUEZ

RADICAL BIOLOGIST | OUT-OF-THE-BOX ENGINEER

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ABOUT

Bioengineer with an evergreen passion for symbiosis. Dedicated to the exercise of biotechnological, biosystematic & ecosystematic knowledge, and creativity in service of groundbreaking, effective innovation and exceptional results--towards a better, more sustainable world.

A walking ecosystem made of 30% biologist, 25% engineer, 25% artist, 20% product designer, and 600% various microorganisms keeping me alive.

EDUCATION

2016 UNIVERSITY OF WASHINGTON
+ STEM + Art
+ Interactive Storytelling and Digital Installations
+ Unity development
+ Concept Art & Musical Composition

2019-2023 TEC DE MONTERREY
+ BEng. Audio Engineering & Music (2 sem.)
+ BEng. Biotechnology

2014 - 2017 PREPA TEC
+ Biotechnology & Design Diploma
+ Guillermo Arriaga Screenwriting Diploma
+ IceHouse Entrepreneurship Finalist
+ 1x winner, 1x finalist: EUREKA Design Cup
+ Junior Varsity Basketball

EXPERIENCE

FREELANCE · DESIGNER/ARTIST/WRITER

2015 - PRESENT

7+ years of self-driven high-performance creative work generating engagement for high-level clients.

Client Sample:

- + Black n Animated
- + AVFarma
- + DaPlot

APRENDAMOS JUNTXS · COORDINATOR

2021 - 2023

Responsible for student engagement, mentoring, and followup for 3 groups of high schoolers. Curricular, material, and learning design, including activities. Coordinated 4 other teachers.

TEC DE MONTERREY · UG RESEARCH

2022

Led a team of 5 undergrad researchers. Responsible for writing and experimental design, research, lab, and horticultural techniques for a high-yield project focused on low-income food security through symbiotic microculture of staple nutraceutical crops.

TEC DE MONTERREY · JR. STRATEGIST

2021 - 2023

Responsible for communications, image, and material design for the University's Center for the Recognition of Human Dignity. Oversaw shoots, student engagement and leadership, and campaign deployment. High-level self-motivation, goalsetting, and time management.

FREELANCE · MAKER MENTOR + DESIGNER

2022 - PRESENT

Design, promotion, and student engagement + mentoring for biomaterials, fermentation, biohacking, biofashion, & citizen science courses. Experimental, engineering, & instructional design for all associated projects and instruction. Hacking.

SKILLS

- Writing + Press ● ● ● ● ●
- Proactivity ● ● ● ● ●
- Teaching ● ● ● ● ●
- Pitching + Sales ● ● ● ● ●
- Teamwork ● ● ● ● ●
- Community Organizing ● ● ● ● ●
- Public Speaking ● ● ● ● ●
- Wet Lab Skills ● ● ● ● ●
- Data Analysis ● ● ● ● ●
- High-Impact Research ● ● ● ● ●
- GSuite + Office365 ● ● ● ● ●
- Horticulture ● ● ● ● ●
- Strategic Thinking ● ● ● ● ●
- Bioinformatics ● ● ● ● ●
- Genetics & Genomics ● ● ● ● ●
- in vitro / Fermentation ● ● ● ● ●
- Food Prod. Development ● ● ● ● ●

LANGUAGES

ENGLISH ● ● ● ● ●
ESPAÑOL ● ● ● ● ●
DEUTSCH ● ● ● ● ●
한국어 ● ● ● ● ●
PORTUGUÊS ● ● ● ● ●
FRANÇAIS ● ● ● ● ●

PYTHON ● ● ● ● ●
HTML ● ● ● ● ●
CSS ● ● ● ● ●
MATLAB ● ● ● ● ●

DIPLOMAS + CERTIFICATES

TEC DE MONTERREY
STRATEGIC PLANNING
2023

UNIVERSITY OF TORONTO
PLANT BIOINFORMATICS
2023

TEC DE MONTERREY
BIOPROCESS DESIGN
2023

TEC DE MONTERREY
BIOPRODUCT DEVELOPMENT
2023

TEC DE MONTERREY
INNOVATION MANAGEMENT
2023

FABRICADEMY
INTEGRATED BIOMATERIAL DESIGN
2023

TEC DE MONTERREY
ISO-17025, TESTING & CALIBRATION
2022

TEC DE MONTERREY
ISO-9001, QUALITY
2022

MEDIACINE + GUILLERMO ARRIAGA
SCREENWRITING & STORYTELLING
2018

ICE HOUSE ENTREPRENEURSHIP
ENTREPRENEURSHIP & PROFITABLE INNOVATION
2017

AWARDS

TEC DE MONTERREY
ACKNOWLEDGEMENT FOR UNDERGRAD
RESEARCH
2023

INNOVATION LAB / INNOVATION SCIENCE
MAKER WORKSHOP TEACHING & DESIGN
2023

INNOVATION LAB / INNOVATION SCIENCE
ACKNOWLEDGEMENT FOR CONGRESS
PRESENTATION
2022

DISTRITO TEC
SELECTED PROJECT
2022

CAMP EVEREST
OUTSTANDING CAMP COUNSELOR
2016-2019

UNIVERSITY OF WASHINGTON
OUTSTANDING INSTALLATION (INTERACT ART)
2016